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Amendment and/or Response
Reply to Office action of 8 January 2008

Amendments to the Specification:

Please <u>replace</u> the paragraph beginning at page 7, line 12 with the following rewritten paragraph:

The multiplexer 615 selects m_1, m_2, respectively, depending on the output of comparator 610. The resulting output of the multiplier 614 is again the desired maximum saturation value S_{max}:

$$S_{max} = (Y' - Y_{min})m_1, \text{ if } Y' \leq Y_t$$

$$S_{max} = ([[\text{Y}_{\text{man}}]]\underline{Y}_{max} - Y')m_2, \text{ if } Y' > Y_t$$